

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2019 Levee Inspection Results

Reclamation District No. 0404 Boggs

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles |
|-------------------------------|-------|------------|
| Unit No. 01 San Joaquin River | Right | 2.35 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|---------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 4/23/2019 - 4/23/2019 | | | |
| DWR Inspector | Alberto De Leon | | | |
| Accompanied By | Richard Toy KSN | | | |
| | Richard Willoughby DWR | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | | |
| DWR ID | DWR_RD0404_01_s _ 2013_24 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| The LMA has a copy of the O & M Manual on file. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------|--------------|----|------------------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 25 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | | |
| DWR ID | DWR_RD0404_01_s _ 2013_25 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| LMA has adequate flood fight supplies on hand. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|----|------------------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 26 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | | |
| DWR ID | DWR_RD0404_01_s _ 2013_26 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| LMA staff have had flood fight training within the last two years. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 30 |
| LM End | 2.35 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.942171 ° | 37.920337 ° |
| | | | | -121.345177 ° | -121.318377 ° |
| DWR ID | DWR_RD0404_01_s_2019_30 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_30_20190430_00058.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 28 |
| LM End | 2.35 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.942179 ° | 37.920333 ° |
| | | | | -121.345183 ° | -121.318376 ° |
| DWR ID | DWR_RD0404_01_s_2019_28 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_28_20190430_00059.jpg



Typical view of vegetation on landside slope. (Spring 2019)

| | | | | | |
|--|--------------------|--------------|----|------------------------|---------------|
| LM Start | 0.40 | Rating ** | M | Issue No. | 6 |
| LM End | 0.41 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.939534 ° | 37.939534 ° |
| | | | | -121.339562 ° | -121.339562 ° |
| DWR ID | RD0404U01RM41.05 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 09/13/2017: The erosion is located between two protected levee sections. [2017 Site ID:RD0404U01RM41.05] | | | | | |
| | | | | | |

Photo 1 of 3 : SP_2019_RD0404_305_6_20190313_00001.jpg



Front view of the erosion.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|--------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.40 | Rating ** | M | Issue No. | 6 (cont) | |
| LM End | 0.41 | Issue Type + | Ma | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR Erosion Survey | | | 37.939534 ° | | 37.939534 ° |
| | | | | -121.339562 ° | | -121.339562 ° |
| DWR ID | RD0404U01RM41.05 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| 09/13/2017: The erosion is located between two protected levee sections. [2017 Site ID:RD0404U01RM41.05] | | | | | | |
| | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.40 | Rating ** | M | Issue No. | 6 (cont) |
| LM End | 0.41 | Issue Type + | Ma | Location * | WS |

Photo 2 of 3 : SP_2019_RD0404_305_6_20190313_00002.jpg



Front of the erosion.

Photo 3 of 3 : SP_2019_RD0404_305_6_20190313_00003.jpg



Looking downstream at the erosion site.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 101 |
| LM End | 0.48 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.939640 ° | 37.939640 ° |
| | | | | -121.338175 ° | -121.338175 ° |
| DWR ID | 22968 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:53346 DS_ID:22968 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 Crossing shows no sign of pipe or levee integrity issues; down grading to Non-Urgent (D. Sanoski - DWR UCIP).11/29/2016 Flap gates still missing. Pipe open on WS. Could not locate on LS. (K. Fazel - UCIP)03/26/2013 Flap gate missing from WS toe. (P. Amatya - DWR) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, approximately 18 feet below the crown. Pipe may not fully penetrate the levee as it does not daylight on the landside (LS). This drainage pipe was field discovered with no mention of it in any reference. FS Date: 10/2/2018 12:56:00 PM | | | | | |

Photo 1 of 3 : UCIP_SP_2019_53346_20082.jpg



WS- two CM pipes with damaged flap gates

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 101 (cont) |
| LM End | 0.48 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2019_53346_20081.jpg



WS- left CM pipe with missing flap gate

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.48 | Rating ** | M | Issue No. | 101 (cont) | |
| LM End | 0.48 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.939640 ° | 37.939640 ° | |
| | | | | -121.338175 ° | -121.338175 ° | |
| DWR ID | 22968 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:53346 | | | | | | |
| DS_ID:22968 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: 10/2/2018 Crossing shows no sign of pipe or levee integrity issues; down grading to Non-Urgent (D. Sanoski - DWR UCIP).11/29/2016 Flap gates still missing. Pipe open on WS. Could not locate on LS. (K. Fazel - UCIP)03/26/2013 Flap gate missing from WS toe. (P. Amatya - DWR) | | | | | | |
| FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, approximately 18 feet below the crown. Pipe may not fully penetrate the levee as it does not daylight on the landside (LS). This drainage pipe was field discovered with no mention of it in any reference. | | | | | | |
| FS Date: 10/2/2018 12:56:00 PM | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_53346_20080.jpg



WS- closer look at left CM pipe with missing flap gate

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 102 |
| LM End | 0.48 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.939640 ° | 37.939640 ° |
| | | | | -121.338175 ° | -121.338175 ° |
| DWR ID | 22969 | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:53347 DS_ID:22969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 Crossing shows no sign of pipe or levee integrity issues; down grading to Non-Urgent (D. Sanoski - DWR UCIP).11/29/2016 Flap gate appears to be either missing or broken. Pipes submerged on WS with concrete block on one pipe during inspection. No pipes found on LS. (K. Fazel - UCIP)03/29/2013 Pipe has broken flap gate. (P. Amatya - DWR) FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, approximately 18 feet below the crown. Pipe may not fully penetrate the levee as it does not daylight on the landside (LS). This drainage pipe was field discovered with no mention of it in any reference. FS Date: 10/2/2018 1:04:00 PM | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 102 (cont) |
| LM End | 0.48 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_53347_20086.jpg



WS- two CM pipes with damaged flap gates

Photo 2 of 3 : UCIP_SP_2019_53347_20085.jpg



WS- right CM pipe with damaged flap gate

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.48 | Rating ** | M | Issue No. | 102 (cont) | |
| LM End | 0.48 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.939640 ° | 37.939640 ° | |
| | | | | -121.338175 ° | -121.338175 ° | |
| DWR ID | 22969 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:53347 DS_ID:22969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 Crossing shows no sign of pipe or levee integrity issues; down grading to Non-Urgent (D. Sanoski - DWR UCIP).11/29/2016 Flap gate appears to be either missing or broken. Pipes submerged on WS with concrete block on one pipe during inspection. No pipes found on LS. (K. Fazel - UCIP)03/29/2013 Pipe has broken flap gate. (P. Amatya - DWR) FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, approximately 18 feet below the crown. Pipe may not fully penetrate the levee as it does not daylight on the landside (LS). This drainage pipe was field discovered with no mention of it in any reference. FS Date: 10/2/2018 1:04:00 PM | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_53347_20084.jpg



WS- closer view of right CM pipe with damaged flap gate

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.65 | Rating ** | M | Issue No. | 103 |
| LM End | 0.65 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.938670 ° | 37.938670 ° |
| | | | | -121.335397 ° | -121.335397 ° |
| DWR ID | 17952 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:51168 DS_ID:17952 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Steel intake structure on landside of the levee. FIELD_STRUCT_DESC: 1 of 3: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. Steel intake structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/26/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_51168_20041.jpg



LS- intake structure

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.65 | Rating ** | M | Issue No. | 103 (cont) | |
| LM End | 0.65 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.938670 ° | 37.938670 ° | |
| | | | | -121.335397 ° | -121.335397 ° | |
| DWR ID | 17952 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:51168 DS_ID:17952 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Steel intake structure on landside of the levee. FIELD_STRUCT_DESC: 1 of 3: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. Steel intake structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/26/2013 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.65 | Rating ** | M | Issue No. | 103 (cont) |
| LM End | 0.65 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2019_51168_20040.jpg



LS- overview of land side of the levee.

Photo 3 of 3 : UCIP_SP_2019_51168_20042.jpg



WS- CM pipes with damaged flap gates

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.66 | Rating ** | M | Issue No. | 104 |
| LM End | 0.66 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.938670 ° | 37.938670 ° |
| | | | | -121.335397 ° | -121.335397 ° |
| DWR ID | 18811 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:53348 DS_ID:18811 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 The wide levee crown shows no sign of integrity issues; downgrading to Non-Urgent (D. Sanoski - DWR UCIP).12/13/2016 Since previous inspector and 2006 Levee Log cite damage to flap gate, I have upgraded this crossing from Non-Urgent to Urgent. Flap gates need to be in good working condition. (K. Fazel - UCIP)03/26/2013 Steel intake structure on LS. (P. Amatya - DWR)12/26/2006 Landward end filled with dirt. Middle flap gate missing and right flap gate broken as of 1/24/07. (DWR Levee Log) FIELD_STRUCT_DESC: 2 of 3: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. Steel intake structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 10/2/2018 12:51:00 PM | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.66 | Rating ** | M | Issue No. | 104 (cont) |
| LM End | 0.66 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_53348_20047.jpg



LS- steel intake structure

Photo 2 of 3 : UCIP_SP_2019_53348_20046.jpg



WS- CM pipes and damaged flap gates

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.66 | Rating ** | M | Issue No. | 104 (cont) | |
| LM End | 0.66 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.938670 ° | 37.938670 ° | |
| | | | | -121.335397 ° | -121.335397 ° | |
| DWR ID | 18811 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:53348 DS_ID:18811 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 The wide levee crown shows no sign of integrity issues; downgrading to Non-Urgent (D. Sanoski - DWR UCIP).12/13/2016 Since previous inspector and 2006 Levee Log cite damage to flap gate, I have upgraded this crossing from Non-Urgent to Urgent. Flap gates need to be in good working condition. (K. Fazel - UCIP)03/26/2013 Steel intake structure on LS. (P. Amatya - DWR)12/26/2006 Landward end filled with dirt. Middle flap gate missing and right flap gate broken as of 1/24/07. (DWR Levee Log) FIELD_STRUCT_DESC: 2 of 3: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. Steel intake structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 10/2/2018 12:51:00 PM | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_53348_20048.jpg



LS- overview of landside of the levee

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.66 | Rating ** | M | Issue No. | 105 |
| LM End | 0.66 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.938670 ° | 37.938670 ° |
| | | | | -121.335397 ° | -121.335397 ° |
| DWR ID | 18810 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:53349 DS_ID:18810 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 The wide levee crown shows no sign of integrity issues; downgrading to Non-Urgent (D. Sanoski - DWR UCIP).12/13/2016 Since previous inspector and 2006 Levee Log cite damage to flap gate, I have upgraded this crossing from Non-Urgent to Urgent. Flap gates need to be in good working condition. (K. Fazel - UCIP)03/26/2013 Steel intake structure on LS. (P. Amatya - DWR)12/26/2006 Landward end filled with dirt. Middle flap gate missing and right flap gate broken as of 1/24/07. (DWR Levee Log) FIELD_STRUCT_DESC: 3 of 3: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. Steel intake structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 10/2/2018 12:33:00 PM | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.66 | Rating ** | M | Issue No. | 105 (cont) |
| LM End | 0.66 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_53349_20054.jpg



LS- steel intake structure

Photo 2 of 3 : UCIP_SP_2019_53349_20053.jpg



WS- CM pipes with damaged flap gates

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.66 | Rating ** | M | Issue No. | 105 (cont) |
| LM End | 0.66 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.938670 ° | 37.938670 ° |
| | | | | -121.335397 ° | -121.335397 ° |
| DWR ID | 18810 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:53349 DS_ID:18810 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/2/2018 The wide levee crown shows no sign of integrity issues; downgrading to Non-Urgent (D. Sanoski - DWR UCIP).12/13/2016 Since previous inspector and 2006 Levee Log cite damage to flap gate, I have upgraded this crossing from Non-Urgent to Urgent. Flap gates need to be in good working condition. (K. Fazel - UCIP)03/26/2013 Steel intake structure on LS. (P. Amatya - DWR)12/26/2006 Landward end filled with dirt. Middle flap gate missing and right flap gate broken as of 1/24/07. (DWR Levee Log) FIELD_STRUCT_DESC: 3 of 3: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. Steel intake structure on the landside (LS). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 10/2/2018 12:33:00 PM | | | | | |

Photo 3 of 3 : UCIP_SP_2019_53349_20052.jpg



LS- overview of landside of the levee.

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.75 | Rating ** | M | Issue No. | 7 |
| LM End | 0.75 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.937758 ° | 37.937758 ° |
| | | | | -121.334149 ° | -121.334149 ° |
| DWR ID | DWR_RD0404_01_s_2012_7 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|----------|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.75 | Rating ** | A/W | Issue No. | 106 |
| LM End | 0.75 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.937657 ° | 37.937657 ° |
| | | | | -121.334158 ° | -121.334158 ° |
| DWR ID | 17945 | | | | |

Comment Code

Inspector Comment

FS_ID:53532
DS_ID:17945
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 11/22/2017 Received updated photo from DWR levee inspector D. Torres showing gate has been cleared of sediment to allow operation of the gate on the WS. Crossing has been downgraded from Urgent to No Action Needed based on the 2016 photos and the most current photo. Recommend coordinating with City of Stockton to determine as-builts, CVFPB permit, and date of last internal integrity inspection completed for this crossing. (DWR UCIP - O. Magana)

11/29/2016 Flap gate still buried with sediment on WS. Requires clearing. (K. Fazel - UCIP)03/26/2013 Partially buried flap gate (P. Amatya - DWR)
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage discharge pipe, 18 feet below the crown. Flap gate, concrete headwall, and spillway on the waterside (WS). Pump house on the landside (LS). Abandoned concrete headwall, power pole, and two wooden piles found on the LS. This drainage pipe likely belongs to the City of Stockton.
[Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 1, March 1963, (HLM 0.78)].
FS Date: 11/22/2017

| | | | | | |
|----------|-------------|--------------|-----|------------|-------------------|
| LM Start | 0.75 | Rating ** | A/W | Issue No. | 106 (cont) |
| LM End | 0.75 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_SP_2019_53532_77527.jpg



WS view: WS gate cleared allowing proper operation of gate.

Photo 2 of 3 : UCIP_SP_2019_53532_19962.jpg



WS- drainage outlet structure and CM pipe with flapgate

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|-----------------------------|--------------|-----|------------------------|------------|---------------|
| LM Start | 0.75 | Rating ** | A/W | Issue No. | 106 (cont) | |
| LM End | 0.75 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP LMA Responsibility | | | 37.937657 ° | | 37.937657 ° |
| | | | | -121.334158 ° | | -121.334158 ° |
| DWR ID | 17945 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:53532 DS_ID:17945 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 11/22/2017 Received updated photo from DWR levee inspector D. Torres showing gate has been cleared of sediment to allow operation of the gate on the WS. Crossing has been downgraded from Urgent to No Action Needed based on the 2016 photos and the most current photo. Recommend coordinating with City of Stockton to determine as-builts, CVFPB permit, and date of last internal integrity inspection completed for this crossing. (DWR UCIP - O. Magana) 11/29/2016 Flap gate still buried with sediment on WS. Requires clearing. (K. Fazel - UCIP)03/26/2013 Partially buried flap gate (P. Amatya - DWR) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage discharge pipe, 18 feet below the crown. Flap gate, concrete headwall, and spillway on the waterside (WS). Pump house on the landside (LS). Abandoned concrete headwall, power pole, and two wooden piles found on the LS. This drainage pipe likely belongs to the City of Stockton. [Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 1, March 1963, (HLM 0.78)]. FS Date: 11/22/2017 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_53532_19961.jpg



WS- Debris and vegetation blocking CM drainage pipe

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.78 | Rating ** | M | Issue No. | 8 |
| LM End | 0.78 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.937395 ° | 37.937395 ° |
| | | | | -121.333883 ° | -121.333883 ° |
| DWR ID | DWR_RD0404_01_s_2013_8 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| Trees are blocking view of the slope. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_8_20190313_00004.jpg



Looking southeast at dense trees on landward slope and toe.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| N/A : Not Applicable | | | | | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.79 | Rating ** | M | Issue No. | 107 |
| LM End | 0.79 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.937212 ° | 37.937212 ° |
| | | | | -121.333762 ° | -121.333762 ° |
| DWR ID | 17946 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:46810 DS_ID:17946 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned; if so should be done so properly. FIELD_STRUCT_DESC: Telephone conduit of an unknown size or material through both levees and under the San Joaquin River, at an unknown depth. This buried telephone cable is no longer operational. [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 8/4/2015 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_46810_74753.jpg



WS view looking south: conduits penetrating levee slope now disconnected with those attached to bridge

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.79 | Rating ** | M | Issue No. | 107 (cont) |
| LM End | 0.79 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2019_46810_74754.jpg



WS view looking west: conduits thru levee and attached to bridge

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.79 | Rating ** | M | Issue No. | 107 (cont) | |
| LM End | 0.79 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.937212 ° | 37.937212 ° | |
| | | | | -121.333762 ° | -121.333762 ° | |
| DWR ID | 17946 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:46810 | | | | | | |
| DS_ID:17946 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Appears abandoned; if so should be done so properly. | | | | | | |
| FIELD_STRUCT_DESC: Telephone conduit of an unknown size or | | | | | | |
| material through both levees and under the San Joaquin River, at an | | | | | | |
| unknown depth. This buried telephone cable is no longer operational. | | | | | | |
| [Additional Reference(s): DWR Levee Log, 2006]. | | | | | | |
| FS Date: 8/4/2015 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_46810_74755.jpg



WS view at crossing looking north

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.89 | Rating ** | A/W | Issue No. | 17 |
| LM End | 0.89 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.936159 ° | 37.936159 ° |
| | | | | -121.332711 ° | -121.332711 ° |
| DWR ID | DWR_RD0404_01_f_2012_17 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.95 | Rating ** | A/W | Issue No. | 2 |
| LM End | 0.95 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.935990 ° | 37.935990 ° |
| | | | | -121.331600 ° | -121.331600 ° |
| DWR ID | DWR_RD0404_01_s_2012_2 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Elderberries are partially blocking the visibility. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.98 | Rating ** | C | Issue No. | 42 |
| LM End | 0.98 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.935918 ° | 37.935918 ° |
| | | | | -121.331032 ° | -121.331032 ° |
| DWR ID | DWR_RD0404_01_s_2017_42 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 108 |
| LM End | 1.09 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.935195 ° | 37.935195 ° |
| | | | | -121.329398 ° | -121.329398 ° |
| DWR ID | 25128 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:46801 DS_ID:25128 EP_NO: 1164 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Conversation with WWTP engineer Ali Gharegozloo suggested this pipe has been welded shut. If so, mode of abandonment needs verification. FIELD_STRUCT_DESC: 60-inch lock joint reinforced concrete sewage effluent pipe under the levee, 27 feet below the crown. Reinforced concrete apron and cutoff walls. Steel sheet piling apron installed with the pipe on the waterside (WS) slope. Headwall, stairs, and pump with shutoff valve visible on the WS slope. Apparent shutoff valves 30 feet off the landside (LS) toe in alignment with the pipe. (Plans for the construction of a 60-inch lock joint reinforced concrete sewage effluent pipe under the easterly levee of the San Joaquin River authorized under Permit No. 1164, 1947 - City of Stockton). FS Date: 7/9/2015 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 108 (cont) |
| LM End | 1.09 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_46801_74745.jpg



LS view: apparent shut off valves on WWTP property in alignment with 60-inch pipe.

Photo 2 of 3 : UCIP_SP_2019_46801_74747.jpg



WS view: pump with shutoff valves, headwall, stairs visible. Concrete debris along WS slope.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 108 (cont) |
| LM End | 1.09 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.935195 ° | 37.935195 ° |
| | | | | -121.329398 ° | -121.329398 ° |
| DWR ID | 25128 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:46801 DS_ID:25128 EP_NO: 1164 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Conversation with WWTP engineer Ali Gharegozloo suggested this pipe has been welded shut. If so, mode of abandonment needs verification. FIELD_STRUCT_DESC: 60-inch lock joint reinforced concrete sewage effluent pipe under the levee, 27 feet below the crown. Reinforced concrete apron and cutoff walls. Steel sheet piling apron installed with the pipe on the waterside (WS) slope. Headwall, stairs, and pump with shutoff valve visible on the WS slope. Apparent shutoff valves 30 feet off the landside (LS) toe in alignment with the pipe. (Plans for the construction of a 60-inch lock joint reinforced concrete sewage effluent pipe under the easterly levee of the San Joaquin River authorized under Permit No. 1164, 1947 - City of Stockton). FS Date: 7/9/2015 | | | | | |

Photo 3 of 3 : UCIP_SP_2019_46801_74748.jpg



WS view: closeup of pump. CMP riser for USGS gage behind pump.

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.35 | Rating ** | M | Issue No. | 100 |
| LM End | 1.35 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.931945 ° | 37.931945 ° |
| | | | | -121.327150 ° | -121.327150 ° |
| DWR ID | DWR_RD0404_01_s_2012_100 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_100_20190313_00020.jpg



Looking northwest at untrimmed trees on waterward slope.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|--------------------|--------------|----|------------------------|---------------|
| LM Start | 1.44 | Rating ** | M | Issue No. | 11 |
| LM End | 1.46 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.930450 ° | 37.930450 ° |
| | | | | -121.327450 ° | -121.327450 ° |
| DWR ID | RD0404U01RM42.02 | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 09/13/2017: No significant change observed. | | | | | |
| 07/25/2016: No significant change observed. | | | | | |
| 06/24/2015: No significant change observed. | | | | | |
| 06/19/2014: A series of scarp erosions have been found on the lower levee slope and at the levee toe. [2017 Site ID:RD0404U01RM42.02] | | | | | |

Photo 1 of 2 : SP_2019_RD0404_305_11_20190313_00005.jpg



Front view of the erosion.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.44 | Rating ** | M | Issue No. | 11 (cont) |
| LM End | 1.46 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2019_RD0404_305_11_20190313_00006.jpg



Close view of the erosion. Note the protection on the lower levee slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.50 | Rating ** | C | Issue No. | 27 |
| LM End | 1.50 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.896544 ° | 37.896544 ° |
| | | | | -121.327121 ° | -121.327121 ° |
| DWR ID | DWR_RD0404_01_f_2016_27 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 109 |
| LM End | 1.55 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.929046 ° | 37.929046 ° |
| | | | | -121.327248 ° | -121.327248 ° |
| DWR ID | 18708 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:50763 DS_ID:18708 EP_NO: 4175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/17/2016 FPIIB Inspector Richard Willoughby noted 3-4 inch depression over pipes on crown, an indication of possible pipe collapse. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 1 of 2: 12-inch steel drainage discharge pipe through the levee, 5 feet below the crown. Siphon breaker on the waterside (WS) shoulder. Power pole, electrical control panel, and pump about 200 feet off the landside (LS) toe. (Plans for installation of a 10-inch, 12-gauge welded steel discharge pipe over the levee authorized under Permit No. 4175, 1963 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 11/17/2016 | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 109 (cont) |
| LM End | 1.55 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_50763_20104.jpg



LS- overview of pipe and pump (far right)

Photo 2 of 3 : UCIP_SP_2019_50763_20103.jpg



WS- steel pipes and siphon breakers in steel pipe risers.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.55 | Rating ** | M | Issue No. | 109 (cont) | |
| LM End | 1.55 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.929046 ° | 37.929046 ° | |
| | | | | -121.327248 ° | -121.327248 ° | |
| DWR ID | 18708 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:50763 DS_ID:18708 EP_NO: 4175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/17/2016 FPIIB Inspector Richard Willoughby noted 3-4 inch depression over pipes on crown, an indication of possible pipe collapse. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 1 of 2: 12-inch steel drainage discharge pipe through the levee, 5 feet below the crown. Siphon breaker on the waterside (WS) shoulder. Power pole, electrical control panel, and pump about 200 feet off the landside (LS) toe. (Plans for installation of a 10-inch, 12-gauge welded steel discharge pipe over the levee authorized under Permit No. 4175, 1963 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 11/17/2016 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_50763_20102.jpg



LS- pipes and pumps (center)

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 110 |
| LM End | 1.55 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.929046 ° | 37.929046 ° |
| | | | | -121.327248 ° | -121.327248 ° |
| DWR ID | 17955 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:50764 DS_ID:17955 EP_NO: 4175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/17/2016 FPIIB Inspector Richard Willoughby noted 3-4 inch dip in crown over pipes, an indication of possible pipe collapse. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 2 of 2: 12-inch steel drainage discharge pipe through the levee, 5 feet below the crown. Siphon breaker on the waterside (WS) shoulder. Power pole, electrical control panel, and pump about 200 feet off the landside (LS) toe. (Plans for installation of a 10-inch, 12-gauge welded steel discharge pipe over the levee authorized under Permit No. 4175, 1963 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2006, 10-inch pipe referenced]. FS Date: 11/17/2016 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 110 (cont) |
| LM End | 1.55 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_50764_19994.jpg



WS- steel pipes and siphon breakers in steel pipe risers.

Photo 2 of 3 : UCIP_SP_2019_50764_19996.jpg



LS- pipe and pump on far left.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.55 | Rating ** | M | Issue No. | 110 (cont) | |
| LM End | 1.55 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.929046 ° | 37.929046 ° | |
| | | | | -121.327248 ° | -121.327248 ° | |
| DWR ID | 17955 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:50764 DS_ID:17955 EP_NO: 4175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/17/2016 FPIIB Inspector Richard Willoughby noted 3-4 inch dip in crown over pipes, an indication of possible pipe collapse. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 2 of 2: 12-inch steel drainage discharge pipe through the levee, 5 feet below the crown. Siphon breaker on the waterside (WS) shoulder. Power pole, electrical control panel, and pump about 200 feet off the landside (LS) toe. (Plans for installation of a 10-inch, 12-gauge welded steel discharge pipe over the levee authorized under Permit No. 4175, 1963 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2006, 10-inch pipe referenced]. FS Date: 11/17/2016 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_50764_19995.jpg



LS- pipes and pumps on center.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 111 |
| LM End | 1.57 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.928718 ° | 37.928718 ° |
| | | | | -121.327206 ° | -121.327206 ° |
| DWR ID | 17956 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:12386 DS_ID:17956 EP_NO: 15562 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: According to Bob Winter of KSN/LMA representative. Fiber optics cable goes through levee. No sign/indicators found. And photos not taken. FIELD_STRUCT_DESC: 4-inch steel fiber optics conduit under both levees and the channel, 34 feet below the crown. (Plans to install fiber optics communications cable through both levees and under the San Joaquin River authorized under Permit No. 15562, 1990 - US Sprint Communications). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/26/2013 | | | | | |

Photo 1 of 1 : UCIP_SP_2019_12386_20062.jpg



Aerial Photo @HLM=1.5791: No sign posts/markers found.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 36 |
| LM End | 1.57 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.928717 ° | 37.928717 ° |
| | | | | -121.327132 ° | -121.327132 ° |
| DWR ID | DWR_RD0404_01_s_2016_36 | | | | |
| Comment Code | | | | | |
| GA : Garbage | | | | | |
| Inspector Comment | | | | | |
| There is garbage on the landward slope and toe. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_36_20190313_00017.jpg



Looking east at garbage on landward slope and toe.

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.64 | Rating ** | M | Issue No. | 112 | |
| LM End | 1.64 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.928090 ° | 37.928090 ° | |
| | | | | -121.326215 ° | -121.326215 ° | |
| DWR ID | 18812 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:40487 DS_ID:18812 EP_NO: 10897 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned crossing. WS pipe capped with steel pipe and LS pipe cut. FIELD_STRUCT_DESC: *ABANDONED* 14-inch irrigation discharge pipe of an unknown material through the levee, 3 feet below the crown. Siphon breaker on the waterside (WS). (Plans to install a 20-horsepower irrigation pump on an existing structure and a 14-inch discharge pipe through the levee authorized under Permit No. 10897, 1975 - Alfred Volpi. 14-inch pipe replaces existing 12-inch pipe). [Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 1, March 1963, (HLM 1.63), 12-inch pipe referenced, 5.5 feet below the crown]. FS Date: 3/26/2013 | | | | | | |

Photo 1 of 3 : UCIP_SP_2019_40487_20064.jpg



WS- steel pipe capped with steel plate.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.64 | Rating ** | M | Issue No. | 112 (cont) | |
| LM End | 1.64 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.928090 ° | 37.928090 ° | |
| | | | | -121.326215 ° | -121.326215 ° | |
| DWR ID | 18812 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:40487 | | | | | | |
| DS_ID:18812 | | | | | | |
| EP_NO: 10897 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Abandoned crossing. WS pipe capped with steel pipe and LS pipe cut. | | | | | | |
| FIELD_STRUCT_DESC: *ABANDONED* 14-inch irrigation discharge pipe of an unknown material through the levee, 3 feet below the crown. Siphon breaker on the waterside (WS). (Plans to install a 20-horsepower irrigation pump on an existing structure and a 14-inch discharge pipe through the levee authorized under Permit No. 10897, 1975 - Alfred Volpi. 14-inch pipe replaces existing 12-inch pipe). | | | | | | |
| [Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 1, March 1963, (HLM 1.63), 12-inch pipe referenced, 5.5 feet below the crown]. | | | | | | |
| FS Date: 3/26/2013 | | | | | | |

Photo 2 of 3 : UCIP_SP_2019_40487_20063.jpg



LS- concrete standpipe on levee slope

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.64 | Rating ** | M | Issue No. | 112 (cont) |
| LM End | 1.64 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_SP_2019_40487_20065.jpg



WS- abandoned steel pipe capped with steel plate.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.70 | Rating ** | A/W | Issue No. | 29 |
| LM End | 1.77 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.927517 ° | 37.926632 ° |
| | | | | -121.325515 ° | -121.324868 ° |
| DWR ID | DWR_RD0404_01_s_2015_29 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| Dense untrimmed trees are on the waterward slope. This is an Army Corp veg site. Tree and woody vegetation was planted by DWR but not being maintained according to the agreement. | | | | | |

Photo 1 of 2 : SP_2019_RD0404_305_29_20190313_00014.jpg



Looking north at dense vegetation on waterward slope.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 1.70 | Rating ** | A/W | Issue No. | 29 (cont) |
| LM End | 1.77 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2019_RD0404_305_29_20190313_00015.jpg



Looking south at dense vegetation on waterward slope.

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.72 | Rating ** | A/W | Issue No. | 23 |
| LM End | 1.79 | Issue Type + | Ob | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.927325 ° | 37.926341 ° |
| | | | | -121.325347 ° | -121.324624 ° |
| DWR ID | DWR_RD0404_01_f_2018_23 | | | | |
| Comment Code | | | | | |
| V8 : Environmental Requirements. | | | | | |
| Inspector Comment | | | | | |
| Site is not being maintained and is overgrown. | | | | | |

Photo 1 of 2 : SP_2019_RD0404_305_23_20190313_00011.jpg



Looking southwest at overgrown site on waterward slope. (Fall 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|-------------------------|--------------|-----|------------------------|-----------|---------------|
| LM Start | 1.72 | Rating ** | A/W | Issue No. | 23 (cont) | |
| LM End | 1.79 | Issue Type + | Ob | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Vegetation | | | 37.927325 ° | | 37.926341 ° |
| | | | | -121.325347 ° | | -121.324624 ° |
| DWR ID | DWR_RD0404_01_f_2018_23 | | | | | |
| Comment Code | | | | | | |
| V8 : Environmental Requirements. | | | | | | |
| Inspector Comment | | | | | | |
| Site is not being maintained and is overgrown. | | | | | | |

Photo 2 of 2 : SP_2019_RD0404_305_23_20190313_00012.jpg



Looking northwest at overgrown site on waterward slope. (Fall 2018)

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.81 | Rating ** | M | Issue No. | 113 |
| LM End | 1.81 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.926168 ° | 37.926168 ° |
| | | | | -121.324514 ° | -121.324514 ° |
| DWR ID | 17961 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:40797 DS_ID:17961 EP_NO: 6560 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Damaged siphon breaker in pipe riser near the landward shoulder. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 7 feet below the crown. Chain-link fence around the pump and motor on the waterside (WS) slope. (Plans to install a 7-horsepower pump and motor, cyclone fence, and an 8-inch steel pipe through the levee authorized under Permit No. 6560, 1969 - City of Stockton, Department of Public Works). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/26/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_40797_20073.jpg



WS- slanted pump, pipe, and concrete steps on levee slope.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.81 | Rating ** | M | Issue No. | 113 (cont) | |
| LM End | 1.81 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.926168 ° | 37.926168 ° | |
| | | | | -121.324514 ° | -121.324514 ° | |
| DWR ID | 17961 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:40797 | | | | | | |
| DS_ID:17961 | | | | | | |
| EP_NO: 6560 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Damaged siphon breaker in pipe riser near the landward shoulder. | | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 7 feet below the crown. Chain-link fence around the pump and motor on the waterside (WS) slope. (Plans to install a 7-horsepower pump and motor, cyclone fence, and an 8-inch steel pipe through the levee authorized under Permit No. 6560, 1969 - City of Stockton, Department of Public Works). [Additional Reference(s): DWR Levee Log, 2006]. | | | | | | |
| FS Date: 3/26/2013 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.81 | Rating ** | M | Issue No. | 113 (cont) |
| LM End | 1.81 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2019_40797_20072.jpg



WS- slanted pump, and pipe on levee slope.

Photo 3 of 3 : UCIP_SP_2019_40797_20071.jpg



LS- damaged and obstructed siphon breaker on levee shoulder.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.00 | Rating ** | U | Issue No. | 33 |
| LM End | 2.00 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.923673 ° | 37.923673 ° |
| | | | | -121.323015 ° | -121.323015 ° |
| DWR ID | DWR_RD0404_01_s_2016_33 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| There is a dead tree on the waterward slope that needs to be removed. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_33_20190313_00016.jpg



Looking west at dead tree on waterward slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.01 | Rating ** | M | Issue No. | 16 |
| LM End | 2.01 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.923470 ° | 37.923470 ° |
| | | | | -121.322978 ° | -121.322978 ° |
| DWR ID | DWR_RD0404_01_f_2013_16 | | | | |
| Comment Code | | | | | |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| There is slope damage due to foot traffic. | | | | | |

Photo 1 of 2 : SP_2019_RD0404_305_16_20190313_00008.jpg



Looking west at slope damage due to foot traffic.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.01 | Rating ** | M | Issue No. | 16 (cont) |
| LM End | 2.01 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2019_RD0404_305_16_20190313_00009.jpg



Looking southwest at slope damage due to foot traffic.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 2.35 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.08 | Rating ** | C | Issue No. | 13 |
| LM End | 2.08 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.922669 ° | 37.922669 ° |
| | | | | -121.322272 ° | -121.322272 ° |
| DWR ID | DWR_RD0404_01_f_2012_13 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.14 | Rating ** | C | Issue No. | 22 |
| LM End | 2.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.922040 ° | 37.922040 ° |
| | | | | -121.321446 ° | -121.321446 ° |
| DWR ID | DWR_RD0404_01_f_2017_22 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.25 | Rating ** | U | Issue No. | 31 |
| LM End | 2.25 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.921089 ° | 37.921089 ° |
| | | | | -121.319880 ° | -121.319880 ° |
| DWR ID | DWR_RD0404_01_s_2019_31 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| There is a broken tree limb on the landside slope impedeing access for flood fighting. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_305_31_20190430_00060.jpg



Broken large tree limb on landside slope, District Engineer is aware and has scheduled removal. (Spring 2019)

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles |
|--------------------------------|-------|------------|
| Unit No. 02 French Camp Slough | Right | 1.75 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|---------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 4/23/2019 - 4/23/2019 | | | |
| DWR Inspector | Alberto De Leon | | | |
| Accompanied By | Richard Toy KSN | | | |
| | Richard Willoughby DWR | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 9 |
| LM End | 1.75 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.920338 ° | 37.917284 ° |
| | | | | -121.318367 ° | -121.291740 ° |
| DWR ID | DWR_RD0404_02_s_2019_9 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_306_9_20190522_00029.jpg



Typical view of vegetation on landside slope. (Spring 2019)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 10 |
| LM End | 1.75 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.918875 ° | 37.917284 ° |
| | | | | -121.316587 ° | -121.291740 ° |
| DWR ID | DWR_RD0404_02_s_2019_10 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD0404_306_10_20190522_00028.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.14 | Rating ** | C | Issue No. | 14 |
| LM End | 0.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 37.918875 ° | 37.918875 ° |
| | | | | -121.316587 ° | -121.316587 ° |
| DWR ID | DWR_RD0404_02_f_2017_14 | | | | |
| Comment Code | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | |
| Inspector Comment | | | | | |
| Erosion occurred winter 2017. Erosion has been repaired early 2019. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.16 | Rating ** | M | Issue No. | 11 |
| LM End | 0.48 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.918671 ° | 37.919525 ° |
| | | | | -121.316367 ° | -121.311193 ° |
| DWR ID | DWR_RD0404_02_s_2012_11 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Grouting program is being used but has not been effective. | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.16 | Rating ** | M | Issue No. | 11 (cont) |
| LM End | 0.48 | Issue Type + | Ma | Location * | LS |

Photo 1 of 3 : SP_2019_RD0404_306_11_20190313_00001.jpg



Looking east at large rodent hole on landward slope.

Photo 2 of 3 : SP_2019_RD0404_306_11_20190313_00002.jpg



Looking southwest at several rodent holes on landward slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.16 | Rating ** | M | Issue No. | 11 (cont) |
| LM End | 0.48 | Issue Type + | Ma | Location * | LS |

Photo 3 of 3 : SP_2019_RD0404_306_11_20190522_00027.jpg



View of landside slope with multiple rodent holes. Animal control/bait program not effective. (Spring 2019)

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.58 | Rating ** | M | Issue No. | 24 |
| LM End | 0.58 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.919223 ° | 37.919223 ° |
| | | | | -121.309490 ° | -121.309490 ° |
| DWR ID | DWR_RD0404_02_s_2017_24 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.68 | Rating ** | U | Issue No. | 21 |
| LM End | 1.08 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.919245 ° | 37.916383 ° |
| | | | | -121.307705 ° | -121.302802 ° |
| DWR ID | DWR_RD0404_02_s_2016_21 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 2 : SP_2019_RD0404_306_21_20190313_00009.jpg



Looking northeast at large rodent hole on landward slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.68 | Rating ** | U | Issue No. | 21 (cont) |
| LM End | 1.08 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : SP_2019_RD0404_306_21_20190313_00010.jpg



Looking east at large rodent hole on landward slope.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.73 | Rating ** | M | Issue No. | 25 | |
| LM End | 0.73 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.919336 ° | 37.919336 ° | |
| | | | | -121.306782 ° | -121.306782 ° | |
| DWR ID | 18781 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:10908 DS_ID:18781 EP_NO: 3340A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Not working for 5 years- Golf club staff- Wooden Walkway; Concrete steps- Damaged siphon breaker FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 2 feet below the crown. One corrugated metal cutoff wall. Pump on a pile structure in the stream. Shutoff valve and siphon breaker on the waterside (WS) shoulder. Timber walkway on the WS slope. (Plans for installation of three pumping plants on the north levee of French Camp Slough authorized under Permit No. 3340-A, 1960 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.73 | Rating ** | M | Issue No. | 25 (cont) |
| LM End | 0.73 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_10908_18182.jpg



WS- pump on steel structure and wooden walkway

Photo 2 of 3 : UCIP_SP_2019_10908_18181.jpg



WS- damaged, obstructed and buried siphon breaker

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.73 | Rating ** | M | Issue No. | 25 (cont) | |
| LM End | 0.73 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.919336 ° | 37.919336 ° | |
| | | | | -121.306782 ° | -121.306782 ° | |
| DWR ID | 18781 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:10908 DS_ID:18781 EP_NO: 3340A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Not working for 5 years- Golf club staff- Wooden Walkway; Concrete steps- Damaged siphon breaker FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 2 feet below the crown. One corrugated metal cutoff wall. Pump on a pile structure in the stream. Shutoff valve and siphon breaker on the waterside (WS) shoulder. Timber walkway on the WS slope. (Plans for installation of three pumping plants on the north levee of French Camp Slough authorized under Permit No. 3340-A, 1960 - City of Stockton). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_10908_18180.jpg



LS- overview of LS slope

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.74 | Rating ** | M | Issue No. | 26 | |
| LM End | 0.74 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.919308 ° | 37.919308 ° | |
| | | | | -121.306714 ° | -121.306714 ° | |
| DWR ID | 18782 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:10945 | | | | | | |
| DS_ID:18782 | | | | | | |
| EP_NO: 4448 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Concrete stairway on waterward slope- Not found. | | | | | | |
| Pump was working during field survey. Siphon breaker cap missing. | | | | | | |
| FIELD_STRUCT_DESC: 18-inch steel drainage discharge pipe through | | | | | | |
| the levee, 9.3 feet below the crown. Pump on the landside (LS). Two | | | | | | |
| corrugated metal cutoff walls. Siphon breaker in a concrete well on the | | | | | | |
| waterside (WS) shoulder. (Plans for installation of a discharge pipe | | | | | | |
| through the levee authorized under Permit No. 4448, 1964 - City of | | | | | | |
| Stockton, Department of Public Works). [Additional Reference(s): DWR | | | | | | |
| Levee Log, 2006]. | | | | | | |
| FS Date: 3/27/2013 | | | | | | |

Photo 1 of 3 : UCIP_SP_2019_10945_18248.jpg



WS- siphon breaker without cap in concrete riser

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.74 | Rating ** | M | Issue No. | 26 (cont) | |
| LM End | 0.74 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 37.919308 ° | | 37.919308 ° |
| | | | | -121.306714 ° | | -121.306714 ° |
| DWR ID | 18782 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:10945 DS_ID:18782 EP_NO: 4448 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete stairway on waterward slope- Not found. Pump was working during field survey. Siphon breaker cap missing. FIELD_STRUCT_DESC: 18-inch steel drainage discharge pipe through the levee, 9.3 feet below the crown. Pump on the landside (LS). Two corrugated metal cutoff walls. Siphon breaker in a concrete well on the waterside (WS) shoulder. (Plans for installation of a discharge pipe through the levee authorized under Permit No. 4448, 1964 - City of Stockton, Department of Public Works). [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.74 | Rating ** | M | Issue No. | 26 (cont) |
| LM End | 0.74 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2019_10945_18247.jpg



WS- concrete riser on steep levee slope

Photo 3 of 3 : UCIP_SP_2019_10945_18250.jpg



LS- overview of pumping plant and levee slope

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 27 |
| LM End | 1.55 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.918411 ° | 37.918411 ° |
| | | | | -121.295128 ° | -121.295128 ° |
| DWR ID | 18792 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:51171 DS_ID:18792 EP_NO: 3340 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/29/2016 Pipe was not found. As per DWR Inspector Richard Willoughby, pipe was removed by City without a permit. Erosion cited previously has been backfilled. Backfill material on WS is redder in color than original material, indicating a recent backfill. Crossing has been downgraded from Urgent to Non-Urgent since no permit issued for this work. (K. Fazel - UCIP)03/27/2013 Abandoned and capped 3-in GI pipe found on WS. Damaged air-valve/siphon breaker found on LS. Gully formed due to leaky pipe. A pump house found on LS but it needs to be verified by LMA whether this is associated with this crossing. (P. Amatya - DWR) FIELD_STRUCT_DESC: *REMOVED* 3-inch galvanized iron irrigation discharge pipe through the levee, 1 foot below the crown. Pile structure in the stream. Damaged siphon breaker at the landside (LS) toe. (Plans for installation of three pumping plants on the north levee of French Camp Slough authorized under Permit No. 3340-A, 1960 - City of Stockton). FS Date: 11/29/2016 | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 27 (cont) |
| LM End | 1.55 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2019_51171_18134.jpg



WS- capped 3-inch GI pipe

Photo 2 of 3 : UCIP_SP_2019_51171_18133.jpg



WS- soil erosion and gully formation due to leaky pipe

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 1.55 | Rating ** | M | Issue No. | 27 (cont) | |
| LM End | 1.55 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 37.918411 ° | 37.918411 ° | |
| | | | | -121.295128 ° | -121.295128 ° | |
| DWR ID | 18792 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:51171 DS_ID:18792 EP_NO: 3340 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/29/2016 Pipe was not found. As per DWR Inspector Richard Willoughby, pipe was removed by City without a permit. Erosion cited previously has been backfilled. Backfill material on WS is redder in color than original material, indicating a recent backfill. Crossing has been downgraded from Urgent to Non-Urgent since no permit issued for this work. (K. Fazel - UCIP)03/27/2013 Abandoned and capped 3-in GI pipe found on WS. Damaged air-valve/siphon breaker found on LS. Gully formed due to leaky pipe. A pump house found on LS but it needs to be verified by LMA whether this is associated with this crossing. (P. Amatya - DWR) FIELD_STRUCT_DESC: *REMOVED* 3-inch galvanized iron irrigation discharge pipe through the levee, 1 foot below the crown. Pile structure in the stream. Damaged siphon breaker at the landside (LS) toe. (Plans for installation of three pumping plants on the north levee of French Camp Slough authorized under Permit No. 3340-A, 1960 - City of Stockton). FS Date: 11/29/2016 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_51171_18132.jpg



WS- abandoned pump station.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.75 | Rating ** | M | Issue No. | 28 | |
| LM End | 1.75 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.917324 ° | 37.917324 ° | |
| | | | | -121.291882 ° | -121.291882 ° | |
| DWR ID | 18793 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:41904 | | | | | | |
| DS_ID:18793 | | | | | | |
| EP_NO: 6623 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Not Found | | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing and install markers if appropriate to do so. | | | | | | |
| FIELD_STRUCT_DESC: 5-inch steel natural gas pipeline through the levee and across the channel, 6.4 feet below the crown. One corrugated metal cutoff wall. Waterside (WS) slope rock revetted. Vent pipe at the WS shoulder. (Plans to install a 5-inch steel natural gas pipeline across Walker Slough and across French Camp Slough authorized under Permit No. 6623, 1969 - Laymac Corporation). [Additional Reference(s): DWR Levee Log, 2006]. | | | | | | |
| FS Date: 3/27/2013 | | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.76 | Rating ** | M | Issue No. | 29 |
| LM End | 1.76 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.917284 ° | 37.917284 ° |
| | | | | -121.291740 ° | -121.291740 ° |
| DWR ID | 18804 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:10846 DS_ID:18804 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing. FIELD_STRUCT_DESC: 1 of 2: 42-inch reinforced concrete sewer line through the levee, 8 feet below the crown. Pipe crosses another 42-inch sewer line under the channel. [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_10846_18127.jpg



LS- 7' x 14' concrete vault.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.76 | Rating ** | M | Issue No. | 29 (cont) | |
| LM End | 1.76 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 37.917284 ° | 37.917284 ° | |
| | | | | -121.291740 ° | -121.291740 ° | |
| DWR ID | 18804 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:10846 DS_ID:18804 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing. FIELD_STRUCT_DESC: 1 of 2: 42-inch reinforced concrete sewer line through the levee, 8 feet below the crown. Pipe crosses another 42-inch sewer line under the channel. [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | | |

Photo 2 of 3 : UCIP_SP_2019_10846_18126.jpg



Crown view of the levee.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.76 | Rating ** | M | Issue No. | 29 (cont) |
| LM End | 1.76 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_SP_2019_10846_18128.jpg



WS- no pipes found.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.76 | Rating ** | M | Issue No. | 30 |
| LM End | 1.76 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.917284 ° | 37.917284 ° |
| | | | | -121.291740 ° | -121.291740 ° |
| DWR ID | 18787 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:12426 DS_ID:18787 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing. FIELD_STRUCT_DESC: 2 of 2: 42-inch reinforced concrete sewer line through the levee, 8 feet below the crown. Pipe crosses another 42-inch sewer line under the channel. [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_12426_20130.jpg



LS- 7' x 14' concrete vault.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.76 | Rating ** | M | Issue No. | 30 (cont) |
| LM End | 1.76 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2019_12426_20129.jpg



Crown view of the levee.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0404 Boggs

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 French Camp Slough | Right | 1.75 | 04/23/2019 04/23/2019 | Alberto De Leon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 1.76 | Rating ** | M | Issue No. | 30 (cont) | |
| LM End | 1.76 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 37.917284 ° | | 37.917284 ° |
| | | | | -121.291740 ° | | -121.291740 ° |
| DWR ID | 18787 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:12426 DS_ID:18787 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing. FIELD_STRUCT_DESC: 2 of 2: 42-inch reinforced concrete sewer line through the levee, 8 feet below the crown. Pipe crosses another 42-inch sewer line under the channel. [Additional Reference(s): DWR Levee Log, 2006]. FS Date: 3/27/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_12426_20131.jpg



WS- no pipes found.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|